

## ABSTRACT

A communication services architecture for a netcentric computing system is disclosed by the present invention. The communication services architecture includes a 5 communication services layer that includes messaging services, specialized messaging services, communication security services, virtual resource services and directory services. In addition, the communication services architecture includes a transport services layer that includes message transport services, packet forwarding/Internetworking services, circuit switching services, transport security services, network address allocation services and 10 quality of service services. A network media services layer is provided that includes media access services and physical media services.

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